

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Paul E. Amundsen, Maureen Buonpane, Doug Andrews and Jordan Jacobs

Application No.: 10/608,851 Group: 3744

Filed: June 27, 2003 Examiner: William C. Doerrler

Confirmation No.: 8740

For: Integration of Automated Cryopump Safety Purge

| CERTIFICATE OF MAILING OR TRANSMISSION | |
|---|----------------------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on: | |
| 2/24/2005 | <i>Loretta A. Boudreau</i> |
| Date | Signature |
| LORETTA A. BOUDREAU | |
| Typed or printed name of person signing certificate | |

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment Under 37 C.F.R. § 1.312 for filing in the above-identified application.

[] Small entity status of this application under 37 C.F.R. 1.9 and 1.27 has been established by a Small Entity Statement previously submitted.

[] A Small Entity Statement to establish small entity status under 37 C.F.R. 1.9 and 1.27 is enclosed.

The fee has been calculated as shown below:

(COL. 1)

(COL. 2)

(COL. 3)

| | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NO. PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|---|-------|---------------------------------------|------------------|
| TOTAL | 19 | MINUS | * 89 | 0 |
| INDEP | 4 | MINUS | ** 15 | 0 |
| FIRST PRESENTATION OF MULTIPLE DEP. CLAIM | | | | |

* not fewer than 20

** not fewer than 3

SMALL ENTITY

| | RATE | ADDIT. FEE |
|---|--------|---------------|
| X | \$ 25 | \$ |
| X | \$ 100 | \$ |
| + | \$ 180 | \$ |

TOTAL = \$ 0

OTHER THAN
SMALL ENTITY

| | RATE | ADDIT. FEE |
|---|--------|---------------|
| X | \$ 50 | \$ |
| X | \$ 200 | \$ |
| + | \$ 360 | \$ |

TOTAL = \$ 0

Petition for Extension of Time

- ☐ Applicant hereby petitions to extend the time to respond to the [] dated [] for [] month(s) from [] to []. The appropriate fee of \$[] is included in the enclosed check.
- ☐ A [] month extension of time to respond to the Notice to File Missing Parts dated [] was filed on [] with payment of a \$[] fee
- ☐ Applicant hereby petitions for an additional [] month extension of time to respond to the Notice to File Missing Parts. The appropriate fee of \$[] is included in the enclosed check.

Please charge Deposit Account No. 08-0380 for the following fees:

- ☐ Petition for [] month Extension of Time \$ _____
- ☐ Amendment Fee \$ _____
- ☐ Other Fees: _____ \$ _____
- _____ \$ _____
- _____ \$ _____
- TOTAL: \$ 0

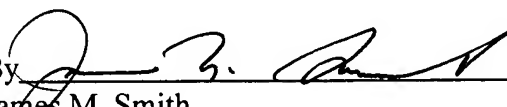
A check is enclosed in payment of the following fees:

- ☐ Petition for [] month Extension of Time \$ _____
- ☐ Amendment Fee \$ _____
- ☐ Other Fees: _____ \$ _____
- _____ \$ _____
- _____ \$ _____
- TOTAL: \$ 0

- ☒ A general authorization is hereby granted to charge Deposit Account No. 08-0380 for any fees required under 37 C.F.R. 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.

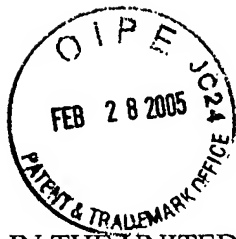
Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By  _____
James M. Smith
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Facsimile (978) 341-0136

Concord, Massachusetts 01742-9133

Dated: 2/24/5



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| Date | Signature |
| <u>LORETTA A. BOUDREAU</u> | |
| Typed or printed name of person signing certificate | |

AMENDMENT UNDER 37 C.F.R. § 1.312

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Amendment Under 37 C.F.R. § 1.312 is being filed in response to the Notice of Allowance mailed from the U.S. Patent and Trademark Office on December 2, 2004 in the above-identified application.

Please amend the application as follows: